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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/540,674	03/31/2000	Reza Majidi-Ahy	164.1001.01	2065

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EXAMINER

SMITH, SHEILA B

ART UNIT PAPER NUMBER

2685

DATE MAILED: 04/01/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/540,674

Applicant(s)

MAJIDI-AHY, REZA

Examiner

Sheila B. Smith

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5. 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mitts et al. (U. S. Patent Number 5,896,373) in view of Ramasastry ( U. S Patent Number 5,991,345)

*Regarding claims 1, 6-11*, Mitts et al. discloses essentially all the claimed invention as set fourth in the instant application, further Mitts et al. discloses method for executing handover in a radio extension of an atm network. In addition Mitts et al. discloses a wireless sending a message from a BSC (col. 5 line3-29), BSC controlling a cell to one customer equipment sending a message from the cell to a point associated BSC, however Mitts et al. fail to specifically disclose a second access point.

In the same field of endeavor, Ramasastry discloses a method and apparatus for diversity enchacement using pseudo-multipath signals. In addition Ramasastry discloses the use of a multiple access as disclosed in column 1 lines 39-67.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of a reflector and repeater, as taught by Ramasastry for the purpose a proper transmission.

*Regarding claims 2-5, 12*, Mitts et al. discloses everything claimed, as applied above (see claim 1) additionally, however, Mitts et al fails to specifically disclose the use of a reflector and repeater

In the same field of endeavor, Ramasastry discloses a method and apparatus for diversity enhancement using pseudo-multipath signals. In addition Ramasastry discloses the use of a reflector and repeater as disclosed in column 11 lines 65-67 and column 12 1-25.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to improve Mitts et al by modifying method for executing handover in a radio extension of an atm network with the use of a reflector and repeater, as taught by Ramasastry or the purpose of reducing cellular traffic.

***Citation of Pertinent Prior Art***

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

***Gossman et al.*** (U. S. Patent Number 6,317,594) discloses system and method for providing data to a wireless device upon detection of activity of the device on a wireless network;

***Messier et al.*** (U. S. Patent Number 6,246,861) discloses cellular telephone location system;

***McLaughlin et al.*** (U. S. Patent Number 6,212,387) discloses method and apparatus for collector arrays of directional antenna co-located with zone managers in wireless communications system;

***Dapper et al.*** (U. S. Patent Number 6,292,651) discloses communication system with multicarrier transport distribution network between a head end terminal and remote units;

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***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sheila B. Smith whose telephone number is (703) 305-0104. The examiner can normally be reached on Monday-Thursday 8:00 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 703-308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-6306 for regular communications and (703) 308-6296 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

S. Smith  
March 25, 2002

  
**EDWARD F. URBAN**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**